

California OES Weather Threat Briefing

Wednesday, November 20, 2019
9:00 AM PST

- **Day 1 (Wed):** Critical fire weather concerns due to gusty north and northeast winds through early Thursday for portions of northern CA

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

11/20/19 - 11/26/19

Wednesday-Thursday

- Critical fire weather concerns due to gusty north and northeast winds through early Thursday for portions of northern CA
 - Potential for wind gusts Wednesday in the 30-40 mph range in the Sacramento River Valley, with 40-55 mph likely in the Sierra foothills
 - Minimum humidity values expected to be 10-25% during the day Wednesday, and increasing only to 30-45% Wednesday Night
- First precipitation of the season continues across Southern CA and the southern Sierra Nevada through Thursday
 - Potential for flash flooding impacts, especially near recent burn scars, from heavier precipitation/thunderstorms Wednesday into early Thursday in Southern CA
 - Accumulating snowfall in the southern Sierra and southern CA mountains Wednesday-Thursday, with accumulations generally limited to areas above about 7000 ft Wednesday and then falling to around 5500-6000 ft by Thursday

Friday-Tuesday

- No significant weather or water impacts expected through the weekend
- Some early signals indicating potential northeast wind event early next week for northern CA, but confidence remains very limited at this time



CALIFORNIA WEATHER IMPACTS

11/20/19 - 11/26/19

<u>Hazards / Day</u>	WED	THU	FRI	SAT	SUN	MON	TUE
Non-Thunderstorm Damaging Winds	Inland	Inland				Inland	Inland
Snow	Srn Inland / Southern	Srn Inland / Southern					
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Southern	Southern					
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Inland	Inland				Inland	Inland
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow	Southern	Southern					
Cold							



No Impacts



Minimal Impacts



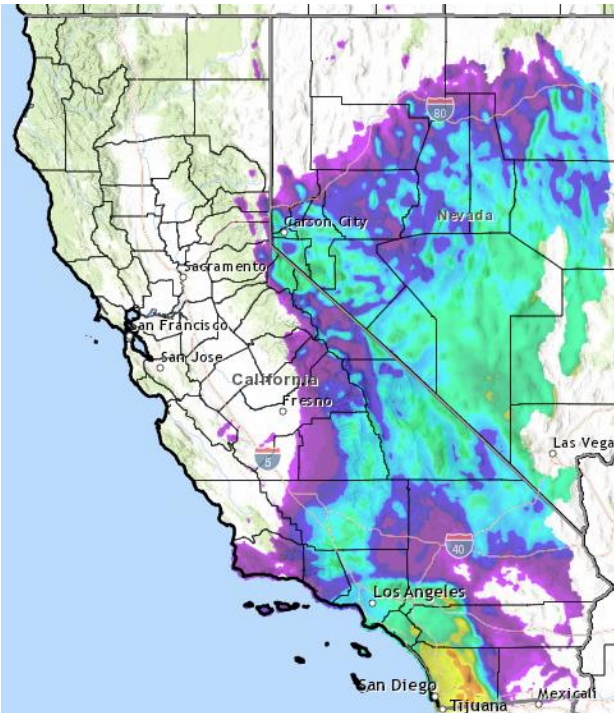
Moderate Impacts



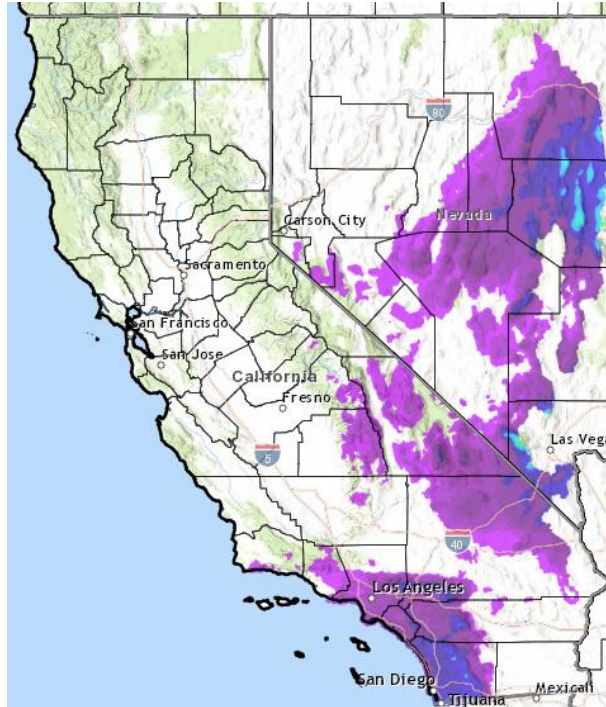
Severe Impacts

PRECIPITATION FORECAST

11/20/19 - 11/26/19



Wednesday



Thursday

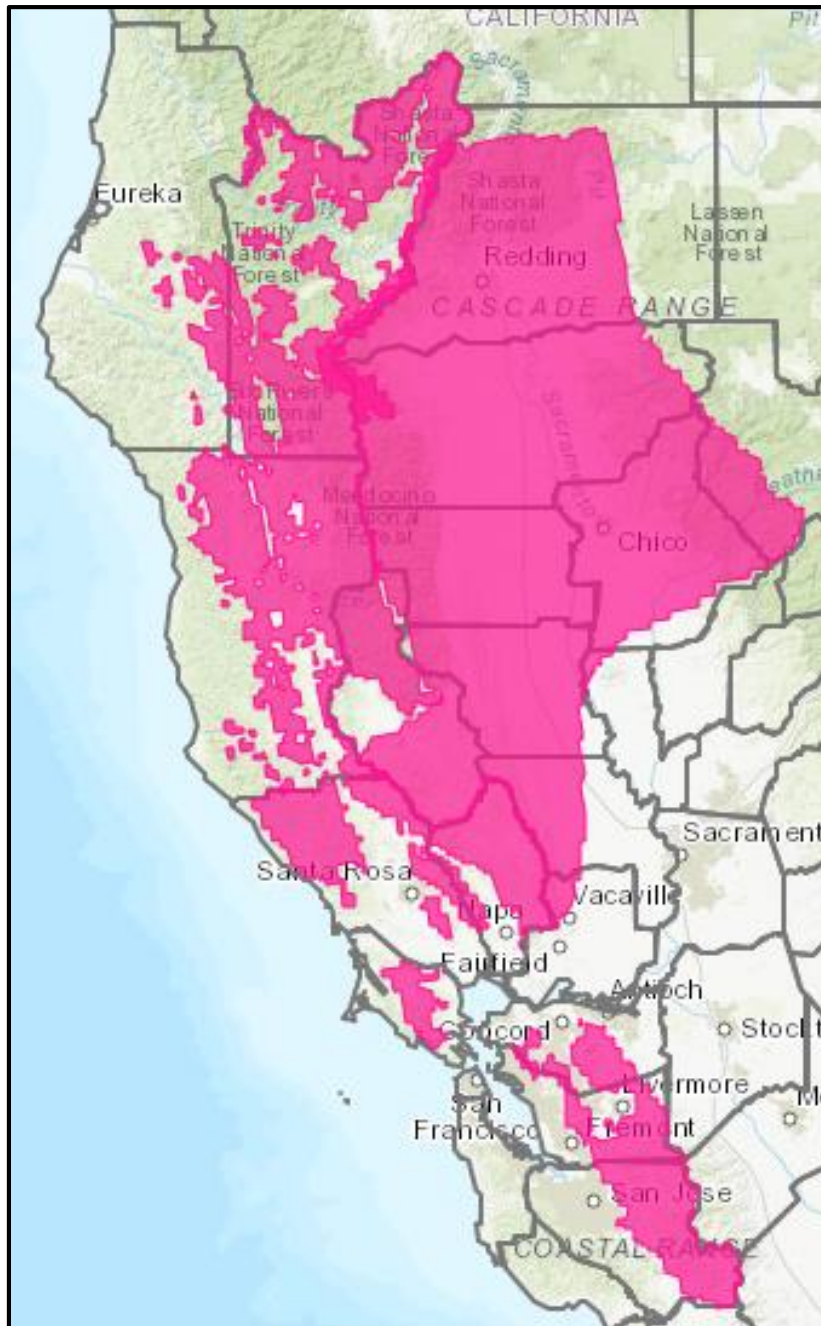


Friday

Precipitation (inches)



NORTHERN CALIFORNIA FIRE WEATHER CONCERNS – 20-21 NOV 2019



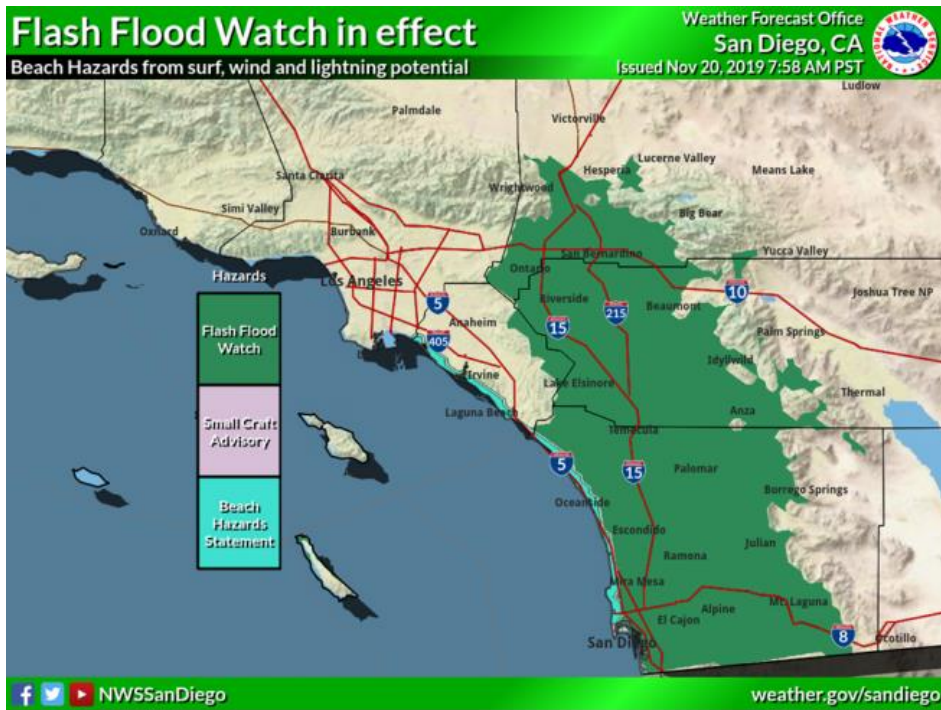
Fire weather concerns continue through Thursday morning

- **Red Flag Warnings in effect from 4 AM Wed to 7 AM Thu**
- Main areas of concern are west side of Sacramento Valley into Lake County, northeast Sierra foothills, and portions of the Coastal Range
 - Strongest winds Wednesday through Wednesday Night
 - Wind gusts in the 30-40 mph range in Sacramento Valley, and locally to 40-55 mph in the Sierra foothills
 - Minimum humidity 10-25% during the day, increasing at night to 30-45%



SOUTHERN CALIFORNIA PRECIPITATION – 20-21 NOV 2019

Locally heavy rainfall could produce flash flooding, with the greatest threat in steep terrain, especially in and below recently burned areas. Flooding of poorly drained and urban areas will also occur, presenting a hazard for motorists.

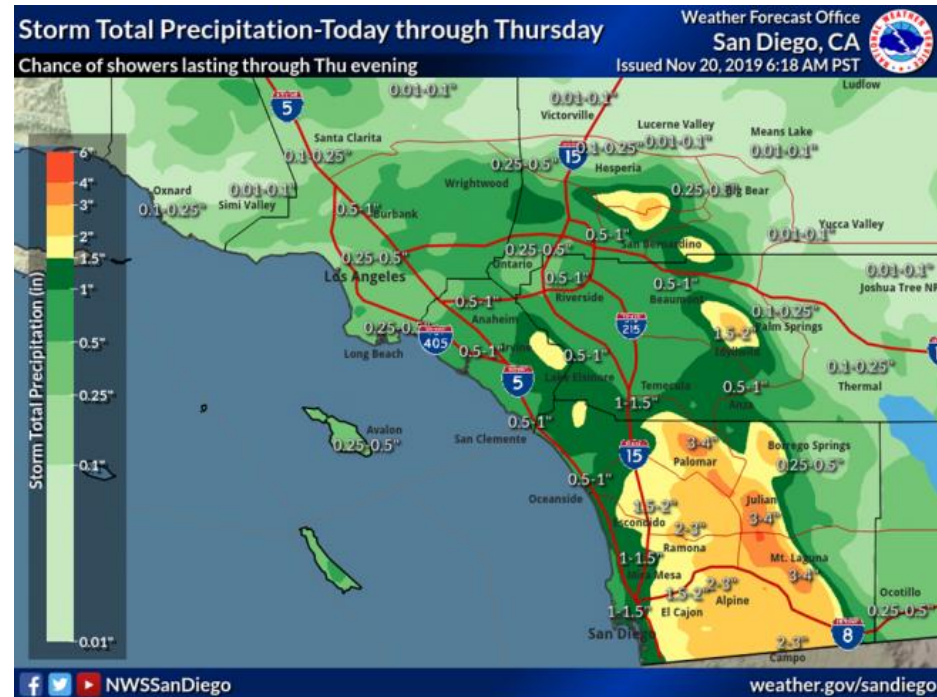


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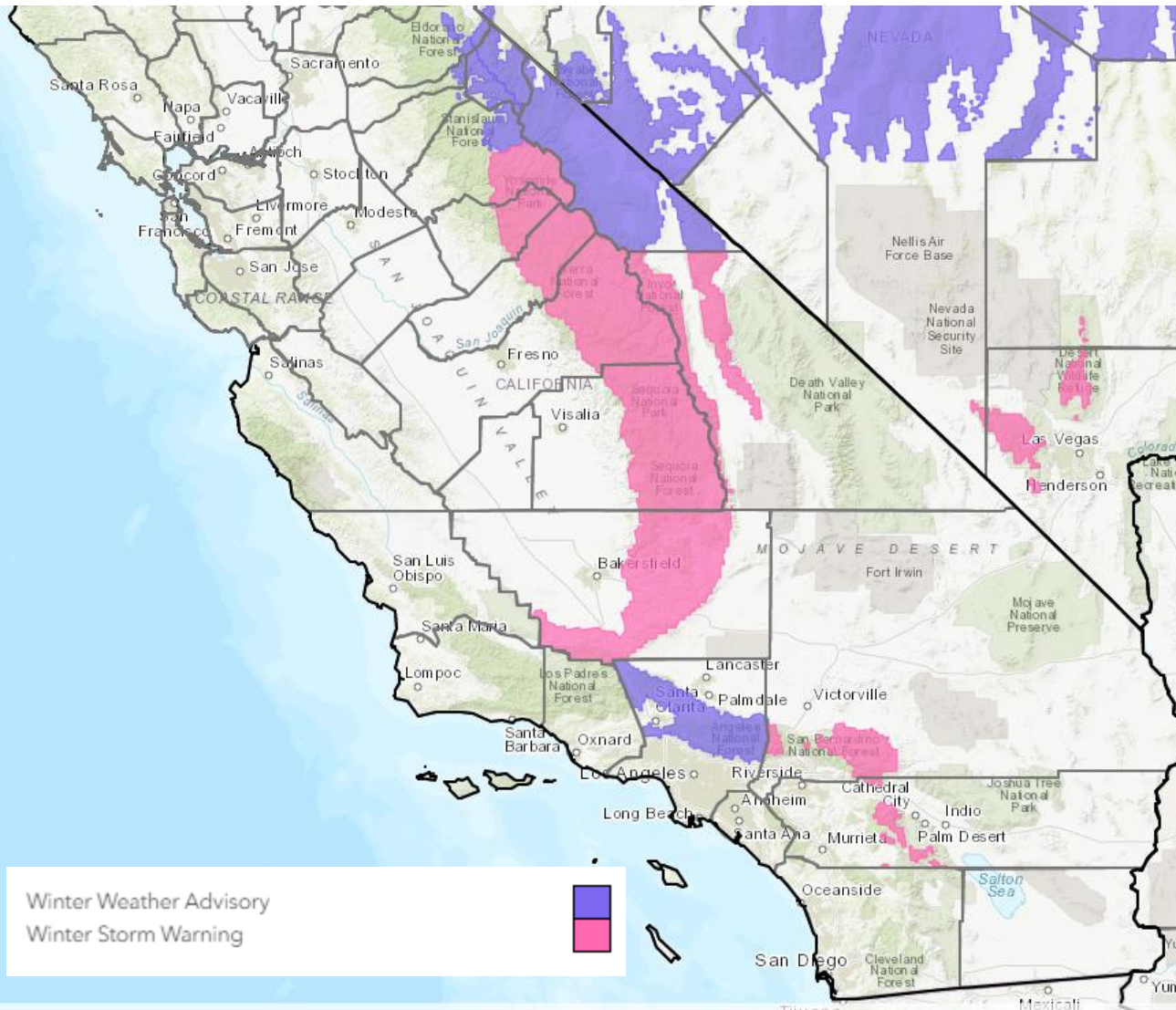
CALIFORNIA - MOUNTAIN PRECIPITATION – 20-21 NOV 2019

Heavy snow expected in the highlighted areas.

Total snow accumulations of 3 to 6 inches from 6000 to 7000 feet.

Total snow accumulations of 6 to 12 inches above 7000 feet.

Locally higher amounts possible.



WEATHER OUTLOOK

11/26/19 - 12/04/19

6-10 Day Outlook (November 26 – November 30)

Temperatures

- Above normal temperatures favored for along the coast, with near normal temperatures favored inland

Precipitation

- Equal chances of above or below normal precipitation, except above normal precipitation favored in the northern third of the state

8-14 Day Outlook (November 28 – December 4)

Temperatures

- Equal chances of above or below normal temperatures along the coast, below normal temperatures favored inland

Precipitation

- Above normal precipitation slightly favored



Information provided by:

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